

PRODUCT-DETAILS

3GBP112370-ADK

IE3 Premium Efficiency Cast Iron Motor, 4 kW, 400 V (3GBP112370-ADK)



General Information

Product ID	3GBP112370-ADK
ABB Type Designation	M3BP 112MG 4
Catalog Description	IE3 Premium Efficiency Cast Iron Motor, 4 kW, 400 V (3GBP112370-ADK)

Additional Information

ABB Type Designation	M3BP 112MG 4
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6206-2Z/C3
Bearing NDE	6206-2Z/C3
Connection Configuration	D
Country of Origin	Finland (FI) China (CN)
Customs Tariff Number	85015220
Direction of Rotation	Both sides

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	690 V	4.00 kW	1451 r/min	5.00 A	0.770	88.60 %	26.30 N·m	7.60
D	--	50 Hz	400 V	4.00 kW	1451 r/min	8.60 A	0.770	88.60 %	26.30 N·m	7.60
Y	--	50 Hz	660 V	4.00 kW	1445 r/min	5.00 A	0.780	88.60 %	26.50 N·m	6.90
D	--	50 Hz	380 V	4.00 kW	1445 r/min	8.70 A	0.780	88.60 %	26.50 N·m	6.90
D	--	50 Hz	415 V	4.00 kW	1455 r/min	8.70 A	0.740	88.60 %	26.30 N·m	8.10
D	--	60 Hz	460 V	4.00 kW	1755 r/min	7.43 A	0.750	89.50 %	21.74 N·m	9.30

Frame Material	Cast Iron
Frame Size	112
Frequency (f)	50 Hz
Gross Weight	57 kg
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE3 Full Load (100%) 88.6 % Partial Load (75%) 89.1 % Partial Load (50%) 88.3 %
IE Class Data (60 Hz)	IE Class IE3 Full Load (100%) 89.5 % Partial Load (75%) 89.9 % Partial Load (50%) 88.8 %
IM Class	IMB3 IM1001
Input Voltage (U _{in})	400 V
Insulation Class	ICLF
Invoice Description	M3BP 112MG 4
IP Class	IP55
Made To Order	No
Medium Description	4kW, 4 Poles, Frame Size 112, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB3/IM1001 Mounting (3GBP112370-ADK)
Minimum Order Quantity	1 piece
Number of Poles (High)	4
Order Multiple	1 piece
Output Power	4 kW
Package Level 1 Units	0 carton
Product Name	3-Phase squirrel cage motor
Product Net Depth / Length	442 mm
Product Net Height	258 mm
Product Net Weight	52 kg
Product Net Width	230 mm
Product Type	3BP3__M3BP_IE3_CI
Quote Only	No
Replaced Product ID (OLD)	3GBP112350-ADL 3GBP112370-APK
SCIP	54c45c7b-7581-40ab-b615-c1dcb277d8a7 Finland (FI)
Selling Unit of Measure	piece
Short Description	4kW, 4P, Frame Size 112, 3PH, 400V, 50Hz, IP55, IMB3/IM1001
Stocked At (Warehouses)	Menden, Germany
Temperature Class Default	--
Terminator Box Location	D-End top
Two Speed Motor	No
Type of Duty	S1
UNSPSC	26101100
Voltage Code	D
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

Categories

Motors and Generators → IEC Low Voltage AC Motors → Process Performance Motors → IE3 Premium Efficiency Cast Iron Motors

